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**STAT** 

NPIC DATA SYSTEM

DATA AND CONTROL SEGMENT

ACQUISITION PHASE

APPENDIX B3
SCHEDULES

24 February 1982

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# NPIC DATA SYSTEM DATA AND CONTROL SEGMENT **ACQUISITION PHASE**

APPENDIX B3 **SCHEDULES** 

		STAT
	24 February 1982	
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APPENDIX B-3

**SCHEDULES** 

This appendix supplements Section 5, Project Plans; it provides additional detailed data that includes a comprehensive CDRLs delivery schedule and detailed CPCI development schedules. Section 5.1 of the Management Proposal shows the D/C Segment Master Schedule that includes the major activities and milestones required for the NPIC development. Sections 5.2 through 5.7 show a lower level of schedule detail for each specific plan. This appendix provides a subsequent level of detail that will allow the program management team to continually focus on the further refinement and adherence to the detailed schedules consistent with the proposed management approach. Schedule risk minimization is a major benefit from the in-depth understanding of the required activities, the ability to take prompt correctivity action when scheduled events are missed, and the concrete proof of overall development progress which occurs when a capability is demonstrated at the successful completion of a scheduled activity, task or milestone.

Table 1 presents the delivery schedule for all CDRLs. The CDRLs are broken into preliminary, update (built to), final (as built) for BOC, IOC and FOC where appropriate. Also included is the appropriate work breakdown structure number for each CDRL delivery. These schedules were developed using SCRIPT for ease of monitoring and updating by the Project Control Office. They will be reviewed by the responsible performing managers and their staffs at weekly Project Master Control Plan (PMCP) meetings. Monthly, they will be reviewed by executive management. Schedule status will be formally reported monthly to NDPO. Major milestones will be indentified in concert with NDPO and updated at least every six months.

Figures 1 through 17 show the detailed CPCI development schedules for the seventeen CPICs defined in Section 5.3, Software Development Plan, of the Management Proposal.

Also included are enlarged copies of the five project plans as described in Section 5.

- a. Master Schedule (Figure 18)
- b. Systems Engineering Schedule (Figure 19)
- c. Software Development Schedule (Figure 20)
- e. Integration and Test/Installation and Checkout Schedule (Figure 22)
- f. Training Schedule (Figure 23)

Table 1. CDRL Delivery Schedule

						rable i.									
						S	CHEDULE								
		GEN PRO	LECT H/S			вос		į		10C		İ		POC	
CDRL:		IWBS NO	DATE	MBS NO		UPDATE/     BJ1LD TO		i i			FINAL/ AS BUILT	t I		UPDATE/	
	Contract  WBS	1641100	5/30/82			l				1	!	1		1	
	  Pinaucial  Plan	   641100 	5/30/02			1 1 1 1		! !		! !	1	1 [ ]		: ! !	! !
	  Master  Schedule	   641100 	5/30/82				e.	i i	! !	! !	! !	! !		1	! !
	  Develop-  ment Plan	   642 106 	5/30/82			! !		! !	 	! !	i i	1		1	)   
	Security  Security	1 1641500 1	5/30/82 				ļ ļ	! !	! ! !	!	i i	1 1	!		!
106	  CM Plan	1641400	5/30/82		! !					į	!	1	į	į	
107	l  SOW Update	   64 1 100	5/30/82		!				i !		į	1	•	ļ	!
103	  QA rlan	l   641300	   5/30/82		! !		!	!	!	!	İ	!	! !	!	!
	  Monthly  Pinancial  Keport	   641203 	monthly    monthly  		 		1 1 1	! ! !	! ! !			! !	! ! !	 	! !
	  Milestone  Upuates 	  641200 	every   six   months		! ! !		! ! !	1 1 1	! !	 	1	! !	! ! !		
	  Milestone  Report	641200	i weekly i	l L	! !		• 	! !	! !	i !	ļ		! !		į
	  Honthly  Status  Review	   641600 	monthly: 		! ! !		1 	 	! !		: ! !	1		: ! !	! !
	  Quarterly  Prog and  Status  Report	   64 1200     	   Each   quarter   		! ! ! !	! ! !	 	! ! ! !	! ! ! !			 	! ! !		 

NOTE 1: 10 days after SBM and each CDM as required by schedule.

Table 1. CDRL Delivery Schedule (Cont.)

	•				Table	1. CDKI	. Delive	y Schedu	le (Cont	t •)					
						5	CHEDULE								
	1	GEN PRO	Jact M/S			вос				100				FOC	1
CDRL No		I MRS NO	DATE	WBS NO	PKEL	UPDATE/	FINAL/ AS BUILT	i		UPDATE/		ĺ		UPDATE/	
	Action  Item List	641200 	note 1											! !	1
	  Seg Trans  and Integ  Plan	 		o42500	10/82   	3/83   	9/84	642501	10/82	   11/83   	9/84	64 2502   	10/82   	11/83   	9/64
	  Seg Ops  Concept	1 1 1		642300	Prop 		8/82	642301	Prop	! ! !	8/82	642302	Prop	! !	8/82
	  Seg Design  Specs	i i i		642400	1 		6/82	642400		[ 	8/82 	642400	:   	! !	  8/82 
	  S/W Opns  H/W  Interface	† 		642103	   		8/82	  642 104 		[ 1 1	8/82	   64 2 105   	; [ [	! ! !	8/82
	  kqmt Trace  Verif.  Matrix	 		642200     642200	   Prop 	  8/82   	12/82	  642201 	Prop	  8/82    -	6/83 	  642202    -	  Prop 	8/82   	10/83
	  Eng Tech  Notes	1 1	as  required	o42221	 			  642222 	)   	1	! !	642223 	! !	! !	
	  Seg Verif  Plan	i i		642600	! ! !	 	10/82	  642601 	! ! !	1	10/82	642602	! !	! !	10/82
122	  Sey Lesign  Analy Rpt	! !	i	642209	Prop	  8/82 	12/82	642210 	Prop	8/82	6/83	64 2211	Prop	8/82	10/83
	losh Plan Imanual	! !		642312	10/82	; 	2/83	642313	10/82		11/83	642314	10/82		11/83
	Maint and Log Plan			642315	9/82	 	12/83	6423 <b>1</b> 6	9/82 	!	12/83	642317	9/82   	i !	12/83
125	IDB Spec	į		642401	10/82	i	2/83	642401	10/82	į	11/83	64 240 1	10/82	į	11/83
	  Ops/SW  Int Spec	! !		622405	9/82   	; { ! !	1/83	622406	9/82   	1	1/83	622407	19/62   	1	10/63
	  Ops/HW  Int Spec	!		622405	9/82	i !	1/83	622406 	9/82	İ	j 1/83	622407	9/82	i !	10/83

	·				Table	e 1. CDR1	. Delive	ry Schedi	ule (con	t .)					
						S	CHEDULE								
		GEN PRO	ECT B/S	[		нос				юс				FOC	
CDHL NO		i i i i i i i i i	DATE	WBS NO		UPDATE/		İ			FINAL/   AS  BUILT	İ		UPDATE/	
	HW/SW   Int Spec	†		622405	   9/82 		1/83		   9/82 	<del> </del>   	1/83 	  622407 	19/82 1	! !	10/83
	  SW/SW  Int Spec	!   ! !		   622405 	   9/82 	! ! ! ! !	1/83	  622406 	l   9/82 	 	  1/83 	  622407 	  9/82 	    -	12/85
	  Seg l'est  Plan	1 i		   642603   	   10/82 	] i ] i	2/83	  642604 	   10/82 	1 1 1	  11/83 	   642605 	<b>f</b> 0/82	(   	11/63
131	l  Test Plan	i [		   641011	1/83		2/83	l  641111	   1/83	1	  11/83	  641211	   1/83	! !	11/83
132	  Seg Prog  P, S & C	1 !		643007   643007	   9/82 		1/83	  643007 	   9/82 	   	9/83	  643007 	9/82	 	9/83
	  Seg Ops  Specs	) } !		   642300 	! 		10/82	  642301 	 	! 	10/82	   642302 	! !	! ! !	10/82
	  Seg Inst  Plan	i :		641331 	   10/82 	  2/83   	10/83	  641431 	   10/82 	   9/83 	10/83	  64 1531 	   10/82 	   9/83 	10/83
	  User  Manual	1 I		   642303 	   10/82 	  2/83   	2/84	  642304 	10/62	2/83	  3/85 	1   64 2 30 5 	   10/82 	1 12/83 1	7/85
	  Operator  Manual	)   		   642306   	   10/82 	  2/83 	2/84	  642307 	   10/82 	  2/83 	  3/85 	  642308 	   10/82 	   2/83 	  7/85 
	  DE Admin  Manual	i   			   10/82 	  2/83 	2/84	! !	10/82	19/83	3/85	!	10/82	19/83	7/85
	Manual  Programmers  Manual	1			1   2/83 		5/84	! !	9/83	i !	5/85	! !	9/83		19/85
	  Facility  IDRS	1		641320	   10/62 	2/83 !	3/84	  641420 	   10/82 	10/83	4/85	  64 1520 	   10/82  	10/83	  6/65 
140	l  Trng Plan			   641713	1   1/83		2/83	1641714	1/83	1 1	11/83	1   64 1715	1/83	!	11/83
143	  CL Spec			64620 <b>1</b>	10/82	i !		  646201	10/82	1	1	!	!		!
	Component  Spec 			645∠01   645204   646208	I	2/83		  646201  647201  647205	i	  6/83 	5/85	! !	 	; 	 

Table 1. CDRL Delivery Schedule (Cont.

						9	CHEDULE								
		GEN PRO	JECT M/S			BOC		!		100		!		FOC	
CDRL NO		WBS NO	DATE	WBS NO		UPDATE/		Ī			PINAL/ AS BUILT	İ		UP DATE/	
	Trng  Materials 		i i	641720 641730 641740			12/83	641721  641731  641741	10/83	i	1/85	64 1722 64 1732 64 1742	10/83	l	5/85  5/85  5/85
	Shipping Plan		1	641330		i i	11/84	641430	; ! !	!	1/85	64 1530 	i i	! ! !	4/85
	Equip 06 M Manual			646253	1/84		7/84	647212	3/84	 	7/85	648212	6/85	! } !	11/85
	QA Audit Report		Audit	641310				641311	! !	1	! !	64 1312 	!	; { !	) 
151	DB Packages			643015			5/84	644013		į	5/85	645013		!	9/85
152	SW Desc Doc			641410			2/84	641411	!	!	4/85	64 1412	•		7/85
	Sys Test/  Demo Inp		 	o41350	11/83		11/84	  641450 	1/85	1	8/85	  64 1550 	3/85	! ! !	•
			l	641341			6/84	1641441	! !	1	6/85	641541 	! ! !	! 	10/85
	Tech Perf Meas		As   Required	642203				642204	; ; ;		1	64 2205	: : !	! 	1
	  Accession  List  Manual		monthly   	641800	;   	; 		  641801   	1 t f		! !	  64 1802   	1 	1 E L	!     

<sup>\*</sup> Complete 15 days after last system demo.

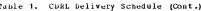
Table 1. CDRL Delivery Schedule (Cont.)

						e I. CDRI									
l 	T						CHEDULE								
	į	GEN PROJ	JECT M/S			BOC				10C				POC	
NO CDRL	I I I NAME	WBS NO	DATE	WBS NO	i i i PREL	  UPDATE/  BUILD TO	FINAL/ AS BUILT	i	i I I PREL	UPDATE/		i	    PREL	UPDATE/	FINAL/   AS  BUILT
	BPPRE	1		†	<del> </del>	t I		<del> </del> 	<del> </del>	†	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	t
131	  Test Plans 	! !		   643021   643024	   10/82 	i i	  -   11/62	  643021  644017	10/82	! !	l    8/83	i i i	 	i !	i i i
į	  Program-  Program-			   643023   643034 	   11/62 	! ! !		  644016  644026 	   8/83 	i i i	    5/85 	 	 	 	i ! !
	  Part    Specs	1   1   3	,	[   643018 	   8/82 	i i i i	•	  643018 	   8/82 	1 1		   	 	i i	i i
	  Part II  Specs 	! ! !		   643020   643022   643036		 		  643020  644015  644028	   8/82   	  -  8/83 	 	 	i i i	 	i 1 1 1
	  Data  Dictionary	 		   643019 	   8/82 	   12/82 	5/84	  643019 	   8/82 	  8/83 	  5/85   	   	 	! !	 
	  CPCI  Listings			64303∠   64303∠	 		7/84	  644025 	 	1 1 1	  7/85 		! ! !	i i	]   
	Bengat					i i		! !	[ ∳	! !	† 1 • 1	l I	i I	t :	l   
131	  Test Plans 			643041 643044	   11/8∠ 			  643041  644031	! !	   11/82 	    7/83	 	i i	1 1	 
	Program- mer*s Manual		i 	643043 643053	1/83			  644030  644040	   7/83 	! ! !	 		     		
	Part I Specs			643038	   8/82   		i	  643038 	   8/82 	 	i (		   	! !	
	Part II Specs			643040   643042   643055		1/83		  643040  644029  644042	   8/82   	     7/83 	 		 	 	 
	Data Dictionary		!	643039	8/82	1/83	5/84	  643039 	8/82 	  7/83 	  5/85   	,   	   	! !	
150	CPC1 Listings		1	643052		1	7/84	644039		 	  7/85   			1 1	 

Table	1.	CDRL	Delivery	Schedule	(Cont.)
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						5	CHEDULE								
	<u> </u>	GEN PRO	DECT M/S	!		ьос	·	<u> </u>		10C	<del></del>	[ [		POC	
CDRL No		I I WBS NO	DATE	I I WBS NO		UPDATE/ BUILD TO		i			FINAL/   AS  BUILT	İ	PREL	UPDATE/	
	BEXSUP			!											!
151	  Test Plans 	i i		643285 643286	11/82		12/82	1  643285  644200	11/82	! !	5/83	! ! !	 		! ! !
	  Program-  mer's  Manual			   643287   643298	12/82			1   644 199   644 209	   5/83 	! ! !	    5/85 	! ! !	   	! ! !	! 
	  Part I  Specs			643281	8/82			  643281 	8/82	; ! !	! !	! ! !		į	!
	  Part   1  Specs 	l   		643284   643286   643300		12/82		  643284  644198  644211		  5/83 	      5/85	! ! !	 	! ! !	i i i
	  Data  Dictionary	i i		   643282   	8/82	12/82	5/84	  643282 	   8/82 	!   5/83 	  5/85 	! ! !	! ! !	! [ !	! ! !
	  CPC1  Listings 	i i i		643296   			7/84	  644208 	 	! ! !	  7/85   	! 	! ! !	! ! !	t 
	I <u>Be kesu</u> I	i   	i i	i i	 	l 1	ı	 	1 1	1	1	! 	! !	l	! 
131	fest Plans 	 		643060   643063   	11/82		12/82	643060  644045 	11/82   	1	  6/83 	1 ! !	j   	t t	! !
	Program-  mer's  Manual			643062 643072	12/82 			644044  644054 	6/83   	i    -	  5/85 	i i !	i !	i ! !	i   
	  Part 1  Specs			   643057   	8/82		ı	  643057 	   8/82 		!	! ! !	! ! !	! !	! ! !
	  Part II  Specs 			   643059   643061   643074		12/82		643059  644043  644056		  6/83 	    5/85	! ! !	! ! !		! !
	  Data  Dictionary	i i		643058 	8/82	12/82	5/84	  643058 	   8/82 	16/83	5/85 		! !		! ! !
	CPCI  Listings	] 	 	   643071   			7/84	  644053 	! 	! !	  7/85 	i !	! !	 	! ! !

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	<del>"</del>						CHEDULE								
	T	IGEN PROJ	LCC h/S	т		вос		,		10C				POC	
CDRL NO	  -     NAME	I WBS NO	DATE	I I I WBS NO		UPDATE/		l		UPDATE/		ı		UPDATE/	
	BMANIP			!	! !			i !	!		i				
131	  Pest Plans			   643097   643100	   11/82 			  643097  644059	11/62	! !	    5/83	 	! ! !	i   	! ! !
	Program-  mer*s  Manual	;         		643099   643109 	1/83			1644058 1644068 1		! !	5/85	! ! !	i i i	 	
	  Part I  Specs			643301	8/82   8/82			643301	8/82	 	!	! ! !	! 	! 	 
	  Part II  Specs 	]		643096   643098     643111		1/83	į	  643096  644057  644070		  5/83 	5/85	! ! !	! ! !	! ! !	
	  Data  Dictionary	i i		643095 	8/82	1/83	5/84	643095	8/82	5/83	5/85	! !	! !	<u> </u>	
	  CPC1  Listings			   643106   	! ! !		7/84	1  644067 	: ! !	1	7/85	! ! !	1   	! !	
	BSTATE							!	į	į	İ		į	!	į
131	  Test Plans 	! ! ! !		643116 643119	12/82   12/82 			643116   644073	12/82	1	19/83	! !	! !	1	! !
	  Program-  mer*s  Manual			643118 643128	2/83			644072  644083 	9/83		  5/85 	! ! !	! !	 	1
	  Part   I  Specs	! ! ! !		   643113   	9/82			  643113 	9/82	! !		! ! !	! ! !		
	Part     Specs 			643115   643117   643130		2/83		643115  644071  644085	i i	9/83	5/85		! ! !		
	  Data  Dictionary	i i i i		643114	9/82	2/83	5/84	  643114 	9/82	  9/83 	5/85		! !	1	
	  CPCI  Listings			643127			7/84	1 1644082 1	: !	1	7/85	i i	! !		1

							CHEDULE								
		IGEN PRO.	Jact M/S	ļ		вос		I		IOC		<u> </u>		FOC	
NO CDFF	•	IMBS NO	DATE	I MBS NO	PREL	UPDATE/	FINAL/ AS BUILT	í		UPDATE/ BUILD TO		i		UPDATE/	
	RAMEUL			l							!	!			
131	  Test Plans	! !		i			i I	  644102	12/82	<u> </u>	1 11/83	   64 5017	12/82		11/83
i	Program-  Bet's  Banual	1 1 1	 	1 1 1				  644101    644111		! ! !		  645016  645026 			    9/85 
	  Part    Specs		 	   643150 	l   9/82   	 		[  643 <b>1</b> 50   	   9/82 	   	! ! !	  643 <b>1</b> 50 	l   9/82 	 	 
	  Part II  Specs -		 	! !				  644100  644113				  645015  645028			    9/85
	  Data  Dictionary	i   		! ! !			) }	[ ]	9/82 	11/83 	5/85	! ! !	1 19/82 1	11/83	19/85
	  CPCT  Listings	i   i		! !	 			  644 110   	! ! !	! <b>!</b> !	7/85	645025 	: !	1 <u> </u>	11/85
	BCCNTR	!	) 	! !				!	!		i	į	į		į
131	  Test Plans 	t 1	 	   643171   643174	   1/83 		2/83	1 1643171 1644116	1/83 1	; } ;		643171  645031		! ! !	10/63
	her's  her's	1 1 1	1   	   643173   643183 				644115   644125 	   8/83 	;  -  -		645030  645040 			  9/85 
	  Part   1  Specs	i i	 	   643166 	   10/8∠ 	]    -	 	  643168 	   10/82 	 	 	  643168 	   10/82 	! ! !	 
	  Part II  Specs 	! ! !	  -  -	   643170   643172   643185		 	i	1  643170  644114  644127		     8/83 	i	1643170 1645029 1645042	i	10/63	 
	  bata  bictionary	! !	 	   643169 	   10/82 	   2/83 	   5/84 	  643169 	   10/82 	   8/83 	  5/85 	  643169 	   10/82 	   10/83 	  9/85 
	  CPCI  Listings	! ! !	1 	   643182 	1 	 	7/84	1644124	i i	1 1 1	7/85	645039	 	! !	11/85

Table	1.	CDRL	Delivery	Schedule	(Cont.)
				201104420	(00

					Tabl	e 1. CDR	L Delive	ry Sched	ule (Con	t.)					
							SCHEDULE								
	i.	GEN PROJ	JECT M/S	1		вос		i		IOC		[		POC	
NO CD4T	   Name	WBS NO	DATE	WBS NO	BBET.	UPDATE/	PINAL/ AS BUILT	i ʻ	   PREL		FINAL/   AS  BUILT	i	     PREL	UPDÁTE/	FINAL/   AS  BUILT
	BOUERY			!	1	l		<del> </del>	<del> </del>	<del> </del>	!	<del> </del>	 	<del> </del>	†
131	Test Plans			   643190   643192				  643190  644130	   12/82 	1	    5/85	i i		1	1
	Program-  mer's  manual	1 1 1 1 1 1		   643201   	   1/83   	i i i !	5/84	  644129  644139 	   5/83   	 	    5/85 			] 	 
	Part f Specs			   643187 	   9/82 	i   i		  643187 	   9/82 	1	1 	] [		i !	
	  Part   I  Specs			   643169   643191   643203	9/82 	1/83		  643189  644128  644141	   9/82   	     5/83 	i      5/85			i ! ! !	! !
	Data Dictionary			   643188 	   9/82   	1/83	5/84	  643188 	l   9/82 	   5/83 	  5/85 	i (		1	1 1 1
	CPCI  Listings	! ! ! !		643200 			7/84	  644138 	 	! [ 	  7/85 			i I	! ! !
	BAPPLS		-				i	l I	! !	1	! !	i !		1	1
131	Test Plans	! ! ! !		643208 643211	1/83			  643208  644144		i I I	     7/83	! ! ! !		 	 
	Program- mer <sup>t</sup> s Manual			643210 643220	2/83			  644 143  644 153 	   7/83 	1 	    5/85 			! ! !	i i i
	Part I Specs		! !	643205     643205	10/82 	' [	!	643205	   10/82 	 	i :			† 	i ! !
i	Part II Specs		 	643207   643209   643222	· i	2/83   	5/84	643207 644142 644155	, ,	     7/83   	i   			; { { } !	 
	Data Dictionary	! !	!	643206	10/82	2/83	5/84	643206	10/82	7/83 	5/85 I			 	i
	CPCI Listings			643219	-   		7/84	644152	! !	 	   <b>7</b> /85     ;			1   	! !

Table	1.	CDKL	Delivery	Schedule	(Cont.)
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					Table	e 1. CDK1	. Delive	ry Sched	ule (Con	t.)					
							CHEDULE								
		GEN PROL	JECT M/S			вос				IOC		1		POC	
CDRL NO		WBS NO	DATE	I I I WBS NO		UPDATE/		i	I I I PREL	UPDATE/	PINAL/   AS  BUILT	ĺ		UPDATE/	
	BOMARS	1				!		1	1	1		!	 	!	
131	  Test Plans 			643227 643230	   11/82 			1  643227  644158	11/82		    9/83	t 	[   	! ! !	 
	Manuar   Program-			   643229   643239 	12/82   			  644157  644167 	   9/83 	! ! !	    5/85 	t   	! ! !	!   	 
	  Part I  Specs			643224	   9/82   			  643224 	   9/82 	! !	! !	! ! !	} 	 	! !
	  Part   I  Specs 			643226 643228 64324 <b>1</b>	i i	12/82		1643226 1644156 1644169	   9/82   	9/83	     5/85	1 	! ! !	 	! ! !
	  bata  bictionary			643225	   9/82   	12/82	5/84	  643225 	   9/82 	9/83	  5/85 	l I I	i I I	 	
	  CPC   Listings 	1 1 1 1 1 1		643238 			7/84	  644166   	1   	! ! !	  7/85   	1 ! !	1     	1 1 1 1	! i !
	i et lofa	1 1		<b>l</b>	i !			l i	! !	1	1	1		İ	!
131	Test Plans 	i i		643246 643249	11/82			643246  644 <b>17</b> 2	11/82 	i i		643246   645045			!   11/83 
	Program-  mer's  Manual			643248 643258	12/82   			644171  644181 	8/83 	i		1645044 1645054 1			  9/85 
	  Part    Specs		·	643243	9/82			  643243 	9/82	! !	! ! !	   64 3 24 3 	  9/82 	! !	
	  Part   1  Specs 	1 1 1 1 1 1		643245 643247 643260	9/82	12/82		  643245  644170  644183	   9/82 	8/83	İ	  643245  645043  645056	i <i>'</i>	  -   11/83 	 
	  Data  Dictionary	i i		643244	9/82	12/82	5/84	  643244 	9/82	8/83	  5/85 	   64 3 24 4 	  9/82 	   11/83 	  9/65 
	  CPC1  Listings			643257			7/84	1  644 180 	! !	! !	7/85	  645053 	! !	[   	  9/85 

Table 1. CDRL Delivery Schedule (Cont.)

						S	CHEDULE								
	!	IGEN PROJ	JECT M/S	! !		вос		!		10C		!		roc	
NO CDRT	I I NAME	I NBS NO I	DATE	I I Was No		RNITD TO	PINAL/	i		UPDATE/	FINAL/   AS  BUILT	İ	PREL	UPDATE/	
	MAPPLS							!			!	!	1	!	
131	  Test Plans 			643265     643268	1/83			  643265  644186	1/83	! !	6/83	! ! !		1	! !
	  Program-  mer's  Manual	1 1 1 1 1 1		643267 643277	2/83			  644185  644195 	   6/83 	i i !	    5/85 	! ! !	; ; ;	! ! !	1 1
	  Part    Specs	1 1 1 1		643262     643262	10/82			  643262 	   10/82 	ł 	! !	 	 	1	! !
	  Part   I  Specs 		; !	643264   643266   643279	10/82	2/83		  643264  644184  644197	i	   6/83 	      5/85	! 	 	 	1 1 1
	  Data  Dictionary			643263     643263	10/82	2/83	5/84	  643263 	   10/82 	   6/83 	  5/85 	! ! !	1	1	 
	  CPCI  Listings	: 1 1 1 1 1		643276     643276			7/84	  644194 	1 1 1	! ! !	  7/85 	! !		 	 

#### **BEPPRE**

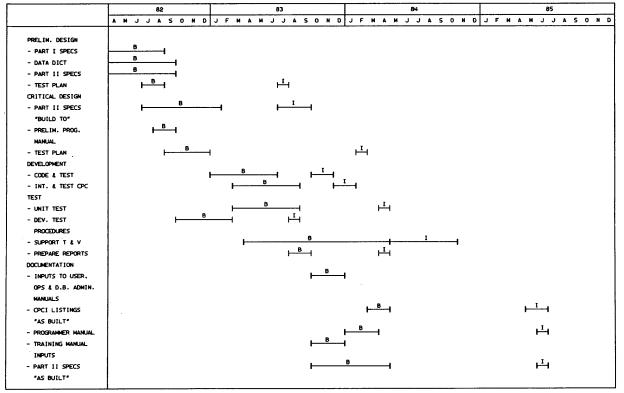


FIGURE 1. CPCI DEVELOPMENT SCHEDULE

#### **BEMGMT**

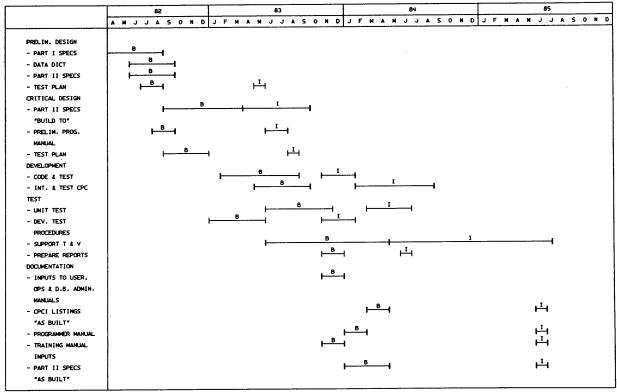


FIGURE 2 CPCI DEVELOPMENT SCHEDULE

#### **BEXUP**

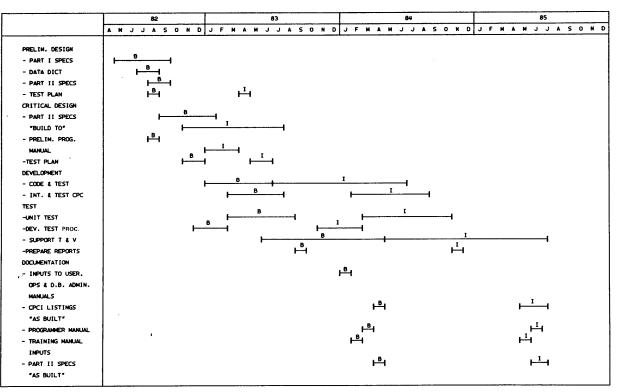


FIGURE 3. CPCI DEVELOPMENT SCHEDULE

**BERESU** 

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#### 83 85 PRELIM. DESIGN - PART I SPECS - DATA DICT - PART II SPECS - TEST PLAN CRITICAL DESIGN - PART II SPECS "BUILD TO" ₽Н PRELIM, PROG. MANUAL <u>|</u>8-1 - TEST PLAN DEVELOPMENT - CODE & TEST 니 - INT. & TEST CPC TEST - UNIT TEST щ ıΒ - DEV. TEST PROCEDURES - SUPPORT T & V Щ - PREPARE REPORTS DOCUMENTATION - INPUTS TO USER, OPS & D.B. ADMIN. MANUALS <del>|B</del>| - CPCI LISTINGS "AS BUILT" - PROGRAMMER MANUAL - TRAINING MANUAL INPUTS 쁘 - PART II SPECS "AS BUILT"

FIGURE 4. CPCI DEVELOPMENT SCHEDULE

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#### 83 A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D PRELIM. DESIGN - PART I SPECS - DATA DICT - PART II SPECS - TEST PLAN CRITICAL DESIGN - PART II SPECS "BUILD TO" - PRELIM. PROG. MANUAL - TEST PLAN DEVELOPMENT - CODE & TEST - INT. & TEST CPC -UNIT TEST -DEV. TEST PROC. - SUPPORT T & V $\vdash$ -PREPARE REPORTS Н - INPUTS TO USER, OPS & D.B. ADMIN. MANUAL.S $\vdash$ - CPCI LISTINGS "AS BUILT" ㅂ - PROGRAMMER MANUAL - TRAINING MANUAL INPUTS н $\mathbf{H}$ PART II SPECS "AS BUILT"

FIGURE 5. CPCI DEVELOPMENT SCHEDULE

#### **BSTATR**

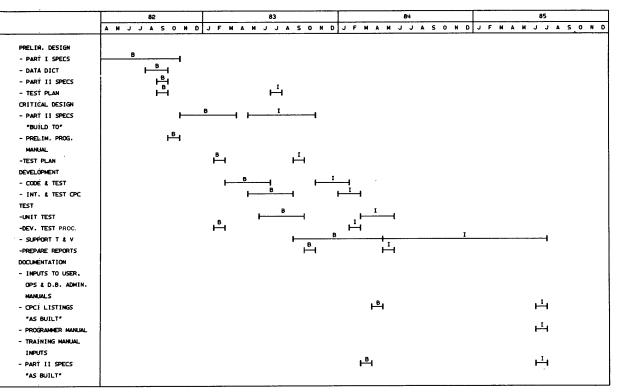


FIGURE 6. CPCI DEVELOPMENT SCHEDULE

#### **BMMGMT**

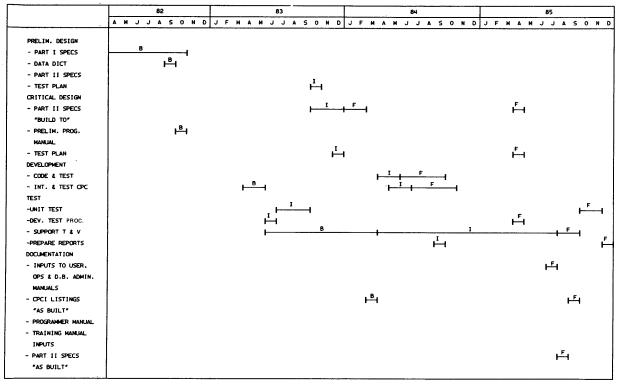


FIGURE 7. CPCI DEVELOPMENT SCHEDULE

20

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#### **BCCNTR**

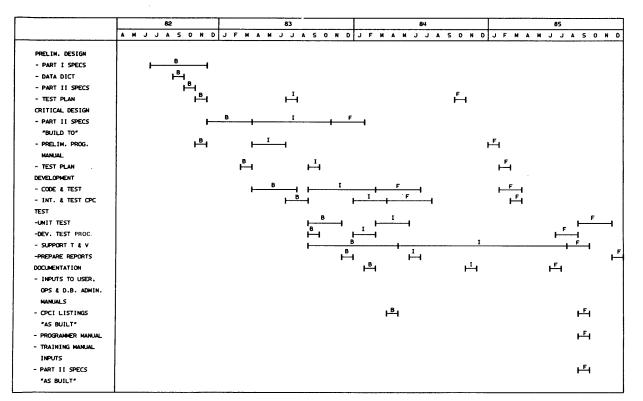


FIGURE 8. CPCI DEVELOPMENT SCHEDULE

#### **BQUERY**

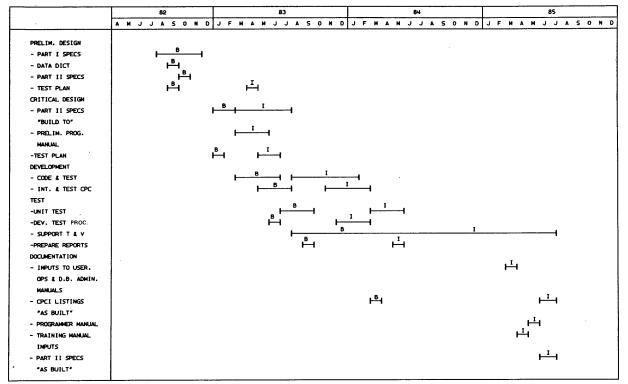


FIGURE 9. CPCI DEVELOPMENT SCHEDULE

#### **BAPPLS**

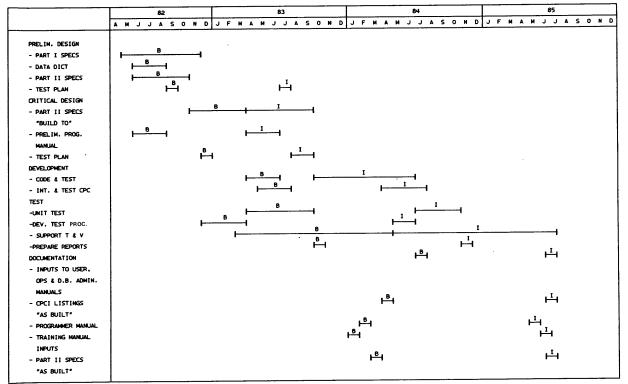


FIGURE 10. CPCI DEVELOPMENT SCHEDULE

23

#### **BDMAPS**

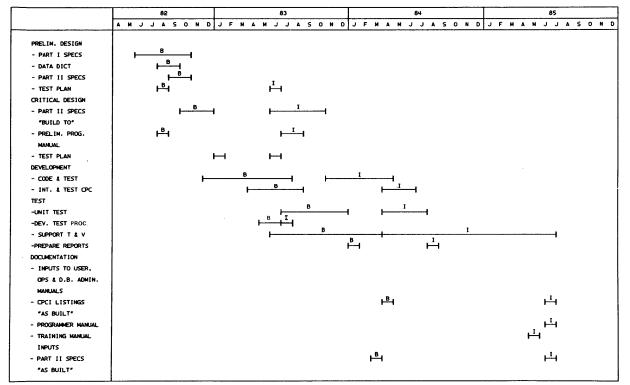


FIGURE 11. CPCI DEVELOPMENT SCHEDULE

### BTTDEV

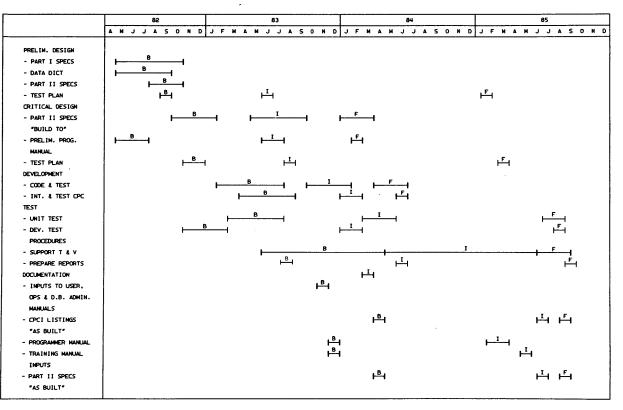


FIGURE 12. CPCI DEVELOPMENT SCHEDULE

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#### WAPPLS

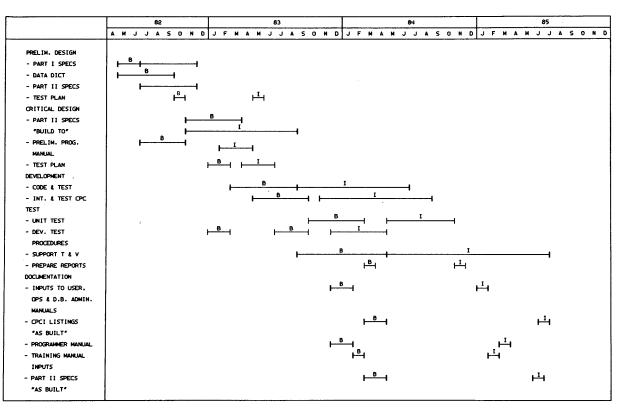


FIGURE 13. CPCI DEVELOPMENT SCHEDULE

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- TRAINING MANUAL																																								
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"AS BUILT"																																								

FIGURE 14. CPCI DEVELOPMENT SCHEDULE

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FIGURE 15. CPCI DEVELOPMENT SCHEDULE

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TEST	1																																													
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- TRAINING MANUAL																																														
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FIGURE 16. CPCI DEVELOPMENT SCHEDULE

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INT. & TEST CPC	1																																																
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- PROGRAMMER MANUAL	1																																																
- TRAINING MANUAL																																																	
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- PART II SPECS	1																																																
"AS BUILT"	1																																																

FIGURE 17. CPCI DEVELOPMENT SCHEDULE

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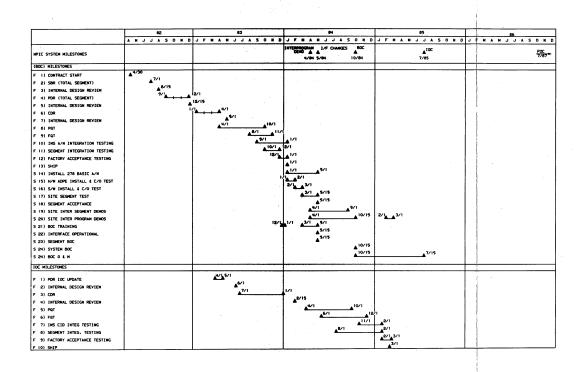


Figure 18. Master Schedule (Sheet 1 of 2)

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	82	83	84	85	86
	AMJJASOND	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O M D	J F H A M J J A S O N
HPIC SYSTEM MILESTONES			INTERPROGRAM I/F CHANGES BOC DEMO & & 10/84	AIOC 7/85	FOC 7787
S II) INSTALL 82 BASIC A/N & 296 EXPANDED A/N & 100 IMAGERY				3/1 4/1	
12) H/W ADPE INSTALL & C/O TEST	1			A.A.	
13) S/W INSTALL & C/O TEST	1			3/14/1	1
14) SITE SEGMENT TEST	1			4/15/15	
15) SEGMENT ACCEPTANCE	1			<b>▲</b> 5/15	1
16) SITE INTER SEGMENT DEMOS	1	l		<u>4</u> 5√1 <u>4</u> 6/15	
17) SITE INTER PROGRAM DEMOS	1			<b>▲</b> 6/1 <b>▲</b> 7/15	(
18) IOC TRAINING	1			3/15 4/1 6/1 7/15	İ
19) SEGMENT IOC	1 .			\$5/15	}
20) SYSTEM IOC					}
51) IOC 0 & M				A7/15	9/30
C HILESTONES					
1) POR FOC UPDATE		4/15/1			
2) INTERNAL DESIGN REVIEW		<b>▲</b> 9/15		l l	
3) CDR		<b>▲</b> 11/1	IZI	i i	
4) INTERNAL DESIGN REVIEW			<b>∆</b> 3/1		1
5) PQT	1		<b>4</b> 7/1 <b>▲</b> 10/1		
6) FQT			A9/1 A12/	1 :	1
7) SEGMENT INTEG TESTING	1		12/1	A <sup>2/1</sup>	}
8) FACTORY ACCEPTANCE TESTING	1			A <sup>2/1</sup> A <sup>3/1</sup>	
9) SHIP	1		· ·	3/I	{
10) INSTALL 244 IMAGERY	1			6/1	INSTALLATION THROUGH 7/87
11) INSTALL & C/O TEST	1			7/15 48/15	
12) SITE SEGMENT TEST	1			8/15 9/15	į
13) SEGMENT ACCEPTANCE	i			9/15	I .
14) SITE INTER SEGMENT DEMOS	1				LIPPORT AS REQUIRED THROUGH 7/67
15) SITE INTER PROGRAM DEMOS					UPPORT AS REQUIRED THROUGH 7/87
16) FOC TRAINING				8/I <sub>A</sub> 9/15	
17) SEGMENT FOC			i	9/15	
18) SYSTEM FOC			1	-	JULY I
19) FOC 0 & M	1				10/1 THROUGH 7/

Figure 18. Master Schedule (Sheet 2 of 2)

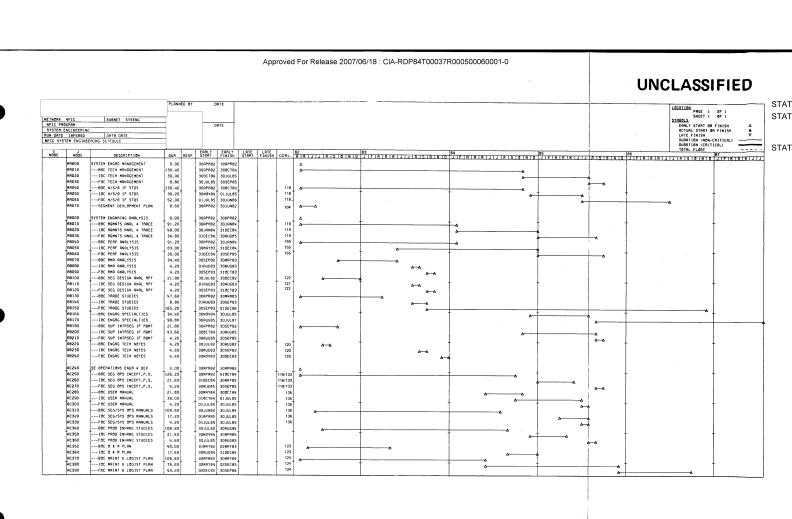


Figure 19. Systems Engineering Schedule (Sheet 1 of 2)

Approved For Release 2007/06/18 : CIA-RDP84T00037R000500060001-0

Figure 19. Systems Engineering Schedule (Sheet 2 of 2)

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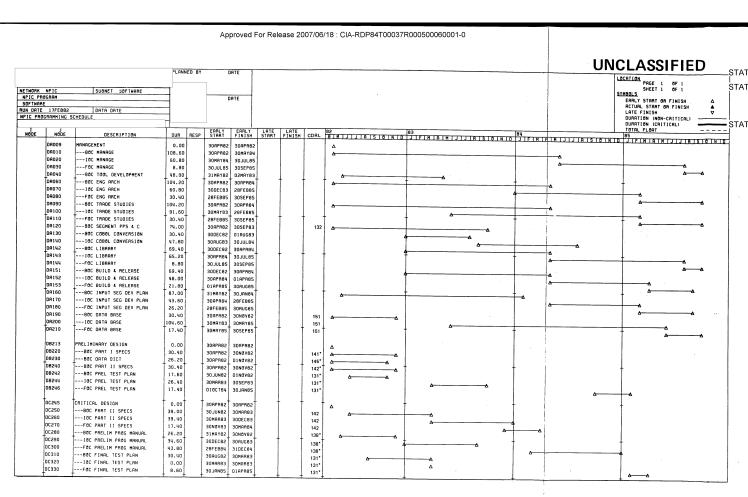


Figure 20. Software Development Schedule (Sheet 1 of 2)

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lor	0340	BOC CODE AND TEST	43.60		3000082	30SEP83		1				Δ				A	1						
	0350 -	TOC CODE AND TEST	39.20	1		02JUL84									4	Δ	<del> </del>		∆	- 1			
	0360	FOC PROD AND TEST	30.80	1		0100184				'							1 △	-	Δ	- 1			
	0370	BOC INT & TEST + CPC	39.00			3100183	•	t	†	Ť			Δ				I	1		1			
	0380	IOC INT & TEST + CPC	39.20			30AUG84			1	1						Δ	+		Δ				
	0390	FOC INT & TEST + CPC	35.00			30N0V84		1	1								Δ			Δ.			
		1	1						1														
los	E399	TEST	0.00	.	31MBYP2	31MAY82				Δ							1			1			
	E410	BOC UNIT TEST	48.00			30JAN84		†	+	Ť		1	Δ				<del>T</del> ▲ .	- 1		Ť			
	E430	IOC UNIT TEST	35.00	1	28FEB84					ļ							Δ						
	E432	FOC UNIT TEST	22.00			02DEC85				ł							l	- 1				Δ	
	E440	BOC DEV TEST PROCEDURES	69.40			30JAN84			1	İ	Δ-						<del> </del> ▲	ì					
	E440	IOC DEV TEST PROCEDURES	57.00			DSJUL84		Ì	1					Δ-					∆				
								+	+	t		-					t	- 1		Ť		Δ	
	E460	FOC DEV TEST PROCEDURES	13.00			30SEP85		ľ	İ					^									
	E470	BOC SUPPORT T & V	56.60			30APR84			İ	1								Δ.					
	E480	ICC SUPPORT T & V	65.20			30JUL85			İ									-				Δ	—-∆
	E490	FOC SUPPORT T & V	8.80			30SEP85		1							A			. 1					
	E500	BOC PREPARE REPORTS	30.60			30MAR84		1	+	+		-	-		_		† -			<b>⊸</b> †			
	E510	IOC PREPARE REPORTS	35.00			30N0V84											_	.		_			
DE	E520	FOC PREPARE REPORTS	17.20	1	30AUG85	30DEC85																	_
DF	F529	DOCUMENTATION	0.00		30SEP83	30SEP83										Δ							
or	F530	BOC INPUTS TO USERS	26.00	j	30SEP83	30MAR84			137	l						Δ	1 4			1			
To F	F540	IOC INPUTS TO USERS	13.00	) T	31DEC84	01APR85		Ť	137	T							1			4			
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Figure 20. Software Development Schedule (Sheet 2 of 2)

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Approved For Release 2007/06/18 : CIA-RDP84T00037R000500060001-0 **UNCLASSIFIED** GCATION PAGE 1 OF 1 SHEET 1 OF 1 PROE 1 OF 1
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Figure 21. Hardware Development Schedule
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Figure 22. Integration and Test/Installation and Checkout Schedule (Sheet 1 of 2)

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SHEET 1 OF 1 PAGE 1 OF 1
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Figure 22. Integration and Test/Installation and Checkout Schedule (Sheet 2 of 2)

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